

IN THE CLAIMS:

Amend the claims as indicated below.

- 1 Claims 1-11 (canceled)
- 1 Claim 12 (previously canceled)
- 1 Claims 13-20 (canceled)
- 1 21. (new) A system for operating a GPS C/A code receiver comprising:
 - 2 a plurality of channel means, each comprising,
 - 3 means for forming x multibit digital segment values per C/A code period,
 - 4 each multibit digital segment value representing a sequential code segment of a received
 - 5 composite of satellite signals; and
 - 6 a plurality of correlating means for correlating each digital segment value with
 - 7 n satellite specific sets of m differently time delayed segments of C/A code modulation to
 - 8 form at least n times m time delay specific correction values, wherein m is greater than
 - 9 the number of bits in each multibit digital segment value.